EN 9100 CORRESPONDENCE MATRIX

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EN 9100 **2016**	EN 9100 **2009**
4 Context of the organization	**4 Quality management system**
4.1 Understanding the organization and its context	4 Quality management system
4.2 Understanding the needs and expectations of interested parties	5.6 Management review
4.3 Determining the scope of the quality management	1.2 Application 4.2.2 Quality manual
4.4 Quality management system and its processes	4 Quality management system 4.1 General requirements
5 Leadership	**5 Management responsibility**
5.1 Leadership and commitment	5.1 Management commitment
5.1.1 General	5.1 Management commitment
5.1.2 Customer focus	5.2 Customer focus
5.2 Policy	5.3 Quality policy
5.2.1 Developing the Quality Policy	5.3 Quality policy
5.2.2 Communicating the Quality Policy	5.3 Quality policy
5.3 Organizational roles, responsibilities and authorities	5.5.1 Responsibility and authority 5.5.2 Management representative 5.4.2 Quality management system planning
6 Planning	**5.4.2 Quality management system planning**
6.1 Actions to address risks and opportunities	5.4.2 Quality management system planning 8.5.3 Preventive action
6.2 Quality objectives and planning to achieve them	5.4.1 Quality objectives
6.3 Planning of changes	5.4.2 Quality management system planning
7 Support	**6 Resource management**
7.1 Resources	6 Resource management
7.1.1 General	6.1 Provision of resources
7.1.2 People	6.1 Provision of resources
7.1.3 Infrastructure	6.3 Infrastructure
7.1.4 Environment for the operation of processes	6.4 Work environment
7.1.5 Monitoring and measuring resources	7.6 Control of monitoring and measuring equipment
7.1.5.1 General	7.6 Control of monitoring and measuring equipment
7.1.5.2 Measurement traceability	7.6 Control of monitoring and measuring equipment
7.1.6 Organizational knowledge	No correspondence
7.2 Competence	6.2.1 General 6.2.2 Competence, training and awareness
7.3 Awareness	6.2.2 Competence, training and awareness
7.4 Communication	5.5.3 Internal communication
7.5 Documented information	4.2 Documentation requirements
7.5.1 General	4.2.1 General
7.5.2 Creating and updating	4.2.3 Control of documents 4.2.4 Control of records
7.5.3 Control of documented information	4.2.3 Control of documents 4.2.4 Control of records

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EN 9100 2016	**EN 9100 2009**
8 Operation	**7 Product realization**
8.1 Operational planning and control	7.1 Planning of product realization
8.1.1 Operation risk management	7.1.2 Risk management
8.1.2 Configuration management	7.1.3 Configuration management
8.1.3 Product safety	7.3.1 Design and development planning
8.1.4 Prevention of counterfeit products	
8.2 Requirements for products and services	7.2 Customer-related processes
8.2.1 Customer communication	7.2.3 Customer communication
8.2.2 Determining of requirements related to products and Services	7.2.1 Determination of requirements related to the product
8.2.3 Review of the requirements related to products and Services	7.2.2 Review of requirements related to the product
8.2.4 Changes to requirements for products and services	7.2.2 Review of requirements related to the product
8.3 Design and development of products and services	7.3 Design and development
8.3.1 General	7.3.1 Design and development planning
8.3.2 Design and development planning	7.3.1 Design and development planning
8.3.3 Design and development inputs	7.3.2 Design and development inputs
8.3.4 Design and development controls	7.3.4 Design and development review 7.3.5 Design and development verification 7.3.6 Design and development validation
8.3.5 Design and development outputs	7.3.3 Design and development outputs
8.3.6 Design and development changes	7.3.7 Control of design and development changes
8.4 Control of externally provided processes, products and services	7.4.1 Purchasing process
8.4.1 General	4.1 General requirements 7.4.1 Purchasing process
8.4.2 Type and extent of control	7.4.1 Purchasing process 7.4.3 Verification of purchased product
8.4.2.1 Verification of externally provided products and services	7.4.3 Verification of purchased product
8.4.3 Information for external providers	7.4.2 Purchasing information 7.4.3 Verification of purchased product
8.5 Production and service provision	7.5 Production and service provision
8.5.1 Control of production and service provision	7.5.1 Control of production and service provision 7.5.2 Validation of processes for production and service provision
8.5.1.1 Control of production equipment, tools and software Programs	7.5.1.3 Control of production equipment, tools and software programs
8.5.1.2 Validation and control of special processes	7.5.1.4 Validation and control of special processes
8.5.1.2 Production process verification	7.5.1.1 Production process verification
8.5.2 Identification and traceability	7.5.3 Identification and traceability
8.5.3 Property belonging to customers or external providers	7.5.4 Customer property
8.5.4 Preservation	7.5.5 Preservation of product
8.5.5 Post-delivery activities	7.5.1 Control of production and service provision 7.5.1.4 Post-delivery support
8.5.6 Control of changes	7.3.7 Control of design and development changes
8.6 Release of products and services	7.4.3 Verification of purchased product 8.2.4 Monitoring and measurement of product
8.7 Control of nonconforming outputs	8.3 Control of nonconforming product

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EN 9100 **2016**	EN 9100 **2009**
9 PERFORMANCE EVALUATION	**8 MEASUREMENT, ANALYSIS AND IMPROVEMENT**
9.1 Monitoring, measurement, analysis and evaluation	8 Measurement, analysis and improvement
9.1.1 General	8.1 General 8.2.3 Monitoring and measurement processes
9.1.2 Customer satisfaction	8.2.1 Customer satisfaction
9.1.3 Analysis and evaluation	8.4 Analysis data
9.2 Internal audit	8.2.2 Internal audit
9.3 Management review	5.6 Management review
9.3.1 General	5.6.1 General
9.3.2 Management review input	5.6.2 Review input
9.3.3 Management review output	5.6.3 Review output
10 IMPROVEMENT	**8.5 IMPROVEMENT**
10.1 General	8.5.1 Continuous improvement
10.2 Nonconformity and corrective action	8.3 Control of nonconforming product 8.5.2 Corrective action
10.3 Continual improvement	8.5.1 Continual improvement 8.5.3 Preventive action
4 QUALITY MANAGEMENT SYSTEM	**4 CONTEXT OF THE ORGANIZATION**
	4.1 Understanding the organization and its context 4.2 Understanding the needs and expectations of interested parties 4.4 Quality management system and its processes
4.1 General requirements	4.4 Quality management system and its processes 8.4 Control of externally provided processes, products and services
4.2.1 General	7.5.1 General
4.2.2 Quality manual	4.3 Determining the scope of the quality managemen system 7.5.1 General 4.4 Quality management system and its processes
4.2.3 Control of documents	7.5.2 Creating and updating 7.5.3 Control of documented Information
4.2.4 Control of records	7.5.2 Creating and updating 7.5.3 Control of documented Information
5 MANAGEMENT RESPONSIBILITY	**5 LEADERSHIP**
5.1 Management commitment	5.1 Leadership and commitment 5.1.1 General
5.2 Customer focus	5.1.2 Customer focus
5.3 Quality policy	5.2 Policy 5.2.1 Establishing the quality policy 5.2.2 Communicating the quality policy
5.4 Planning	6 Planning
5.4.1 Quality objectives	6.2 Quality objectives and planning to achieve them
5.4.2 Quality management system planning	5.3 Organizational roles, responsibilities and authorities 6 planning 6.1 Actions to address risks and opportunities 6.3 Planning of changes
5.5 Responsibility, authority and communication	5 Leadership
5.5.1 Responsibility and authority	5.3 Organizational roles, responsibilities and authorities
5.5.2 Management representative	5.3 Organizational roles, responsibilities and authorities
5.5.3 Internal communication	7.4 Communication

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5 MANAGEMENT RESPONSIBILITY	**5 LEADERSHIP**
5.6 Management review	4 Context of the organization 4.1 Understanding the organization and its context 4.2 Understanding the needs and expectations of interested parties 9.3 interested parties
5.6.1 General	9.3.1 General
5.6.2 Review input	9.3.2 Management review input
5.6.3 Review output	9.3.3 Management review output
6 RESOURCE MANAGEMENT	**7 SUPPORT**
	7.1 Resources
6.1 Provision of resources	7.1.1 General 7.1.2 People
6.2 Human resources	7.2 Competence
6.2.1 General	7.2 Competence
6.2.2 Competence, training and awareness	7.2 Competence 7.3 Awareness
6.3 Infrastructure	7.1.3 Infrastructure
6.4 Work environment	7.1.4 Environment for the operation of processes
7 PRODUCT REALIZATION	**8 OPERATION**
7.1 Planning of product realization	8.1 Operational planning and control
7.1.1 Project management	8.1 Operational planning and control
7.1.2 Risk management	8.1.1 Operational risk management
7.1.3 Configuration management	8.1.2 Configuration management
7.1.4 Control of work transfers	8.1 Operational planning and control
7.2 Customer-related processes	8.2 Requirements to products and services
7.2.1 Determination of requirements related to the product	8.2.2 Requirements related for products and services
7.2.2 Review of requirements related to the product	8.2.3 Review of requirements related to products and services 8.2.4 Changes to requirements for products and services
7.2.3 Customer communication	8.2.1 Customer communication
7.3 Design and development	8.3 Design and development of products and services
7.3.1 Design and development planning	8.3.1 General 8.3.2 Design and development planning 8.1.3 Product safety
7.3.2 Design and development inputs	8.3.5 Design and development controls
7.3.3 Design and development outputs	8.3.5 Design and development controls
7.3.4 Design and development review	8.3.4 Design and development controls
7.3.5 Design and development verification	8.3.4 Design and development controls
7.3.6 Design and development validation	8.3.4 Design and development controls
7.3.6.1 Design and development verification and validation Testing	8.3.4.1 (no title)
7.3.5.2 Design and development verification and validation Documentation	8.3.4.1 (no title)
7.3.7 Control of design and development changes	8.3.6 Design and development changes 8.5.6 Control of changes
7.4 Purchasing	8.4 Control of externally provided processes, products and services

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7 PRODUCT REALIZATION	**8 OPERATION**
7.4.1 Purchasing process	8.4 Control of externally provided processes, products and services 8.4.1 General 8.4.2 Type and extent of control
7.4.2 Purchasing information	8.4.3 Information for external providers
7.4.3 Verification of purchased product	8.4.2 Type and extent of control 8.4.3 Information for external providers 8.6 Release of products and services
7.5 Production and service provision	8.5. Product and service provision
7.5.1 Control of production and service provision	8.5.1 Control of production and service provision 8.5.5 Post-delivery activities
7.5.1.1 Production process verification	8.5.1.3 Production process verification
7.5.1.2 Control of production process changes	8.1 Operational planning and control
7.5.1.3 Control of production equipment, tools and software programs	8.5.1.1 Control of production equipment, tools and software programs
7.5.1.4 Post-delivery support	8.5.5 Post-delivery activities
7.5.2 Validation of processes for production and service provision	8.5.1 Control of production and service provision
7.5.3 Identification and traceability	8.5.2 Identification and traceability
7.5.4 Customer property	8.5.3 Property belonging to customers or external providers
7.5.5 Preservation of product	8.5.4 Preservation
7.6 Control of monitoring and measuring equipment	7.1.5 Monitoring and measuring resources 7.1.5.1 General 7.1.5.2 Measurement traceability
8.0 MEASUREMENT, ANALYSIS AND IMPROVEMENT	**9 PERFORMANCE EVALUATION**
	9.1 Monitoring, measurement, analysis and evaluation
8.1 General	9.1.1 General
8.2 Monitoring and measurement	9.1 Monitoring, measurement, analysis and evaluation
8.2.1 Customer satisfaction	9.1.2 Customer satisfaction
8.2.2 Internal audit	9.2 Internal audit
8.2.3 Monitoring and measurement of processes	9.1.1 General
8.2.4 Monitoring and measurement of product	8.6 Release of products and services
8.3 Control of nonconforming product	8.7 Control of nonconforming outputs 10.2 Nonconformity and corrective action
8.4 Analysis of data	9.1.3 Analysis and evaluation
8.5 Improvement	10 Improvement
8.5.1 Continual improvement	10.1 General 10.3 Continual Improvement
8.5.2 Corrective action	10.2 Nonconformity and corrective action
8.5.3 Preventive action	6.1 Actions to address risks and opportunities (refer to 6.1.1 and 6.1.2 sub-chapters) 10.3 Continual improvement